

FIG. 1

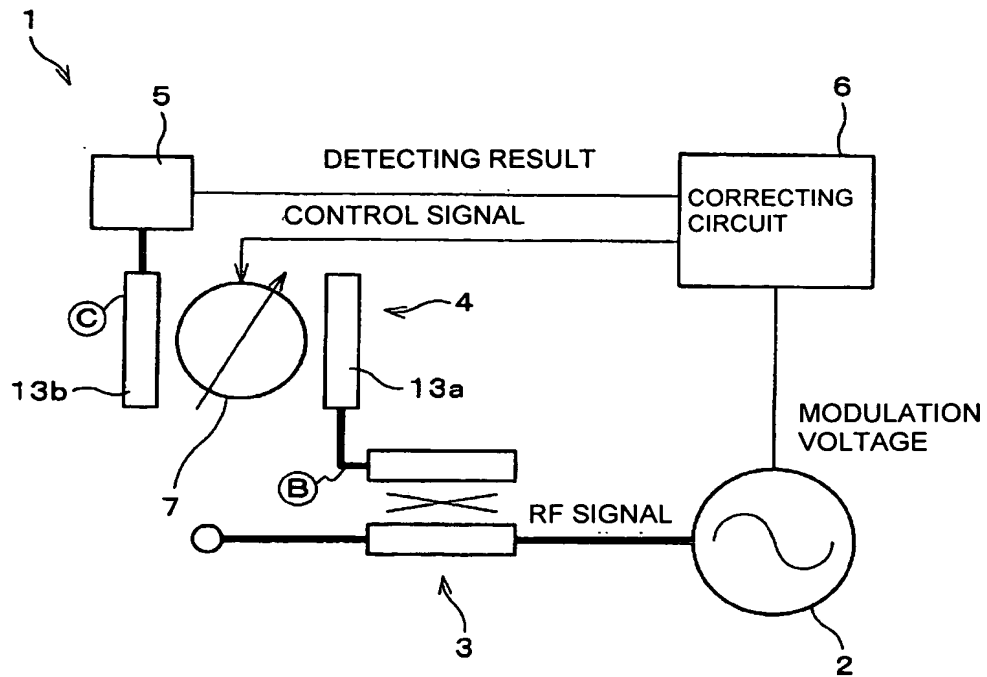


FIG. 2

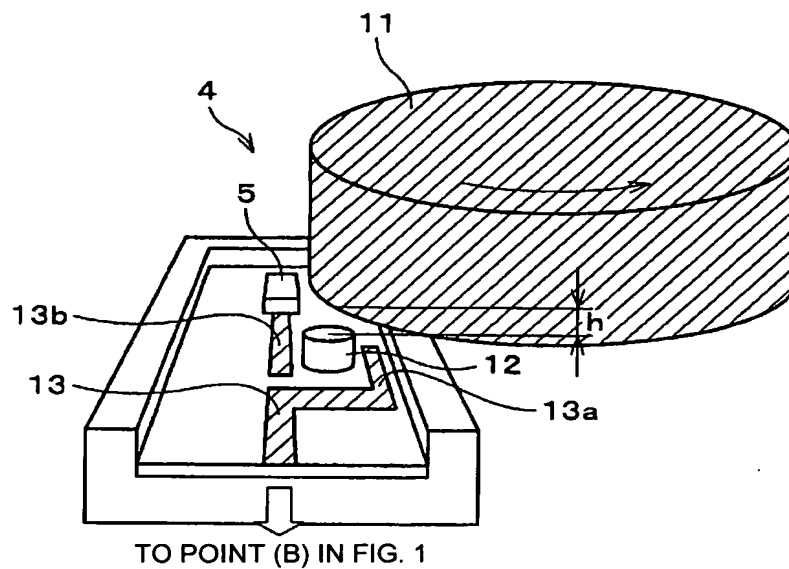


FIG. 3

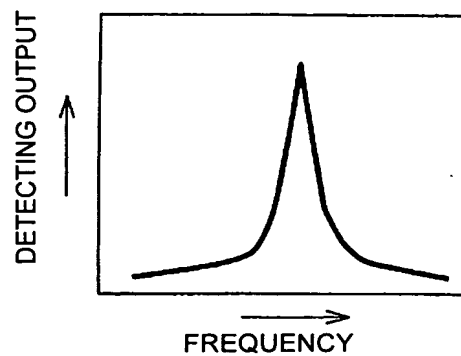


FIG. 4

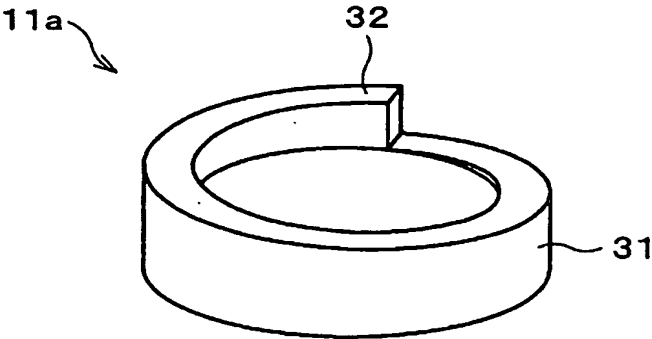


FIG. 5

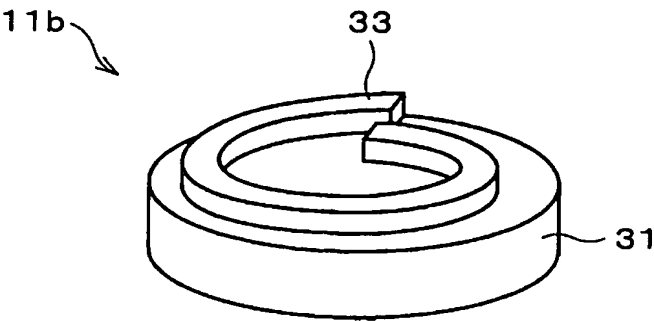


FIG. 6A

VCO OSCILLATION
FREQUENCY

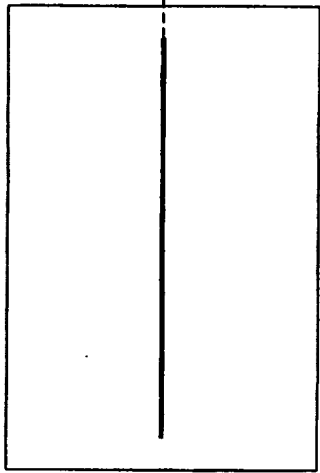


FIG. 6B

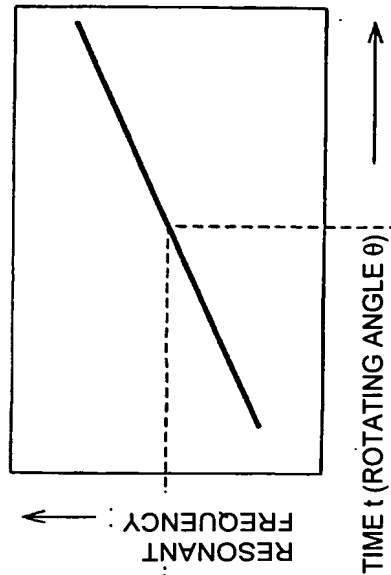


FIG. 6C

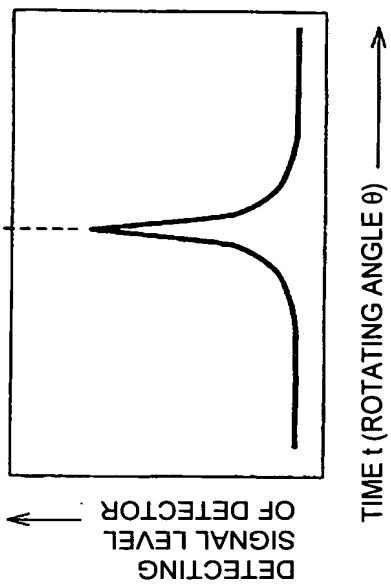


FIG. 7A

VCO OSCILLATION
FREQUENCY

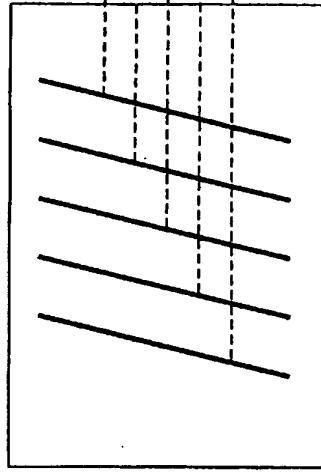
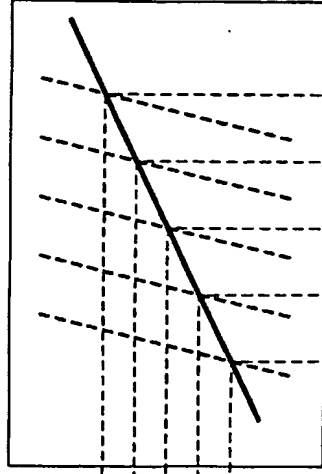


FIG. 7B

RESONANT
FREQUENCY

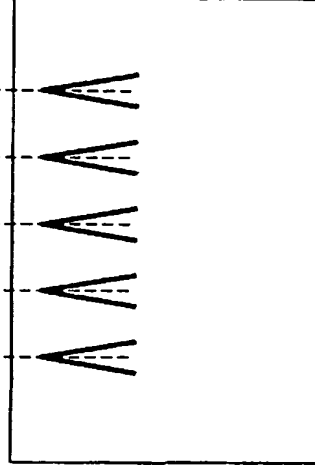


TIME t

TIME t (ROTATING ANGLE θ)

FIG. 7C

DETECTING
SIGNAL LEVEL
OF DETECTOR



TIME t (ROTATING ANGLE θ)

FIG. 8A

VCO OSCILLATION
FREQUENCY

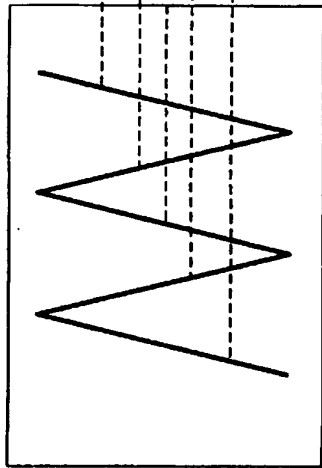


FIG. 8B

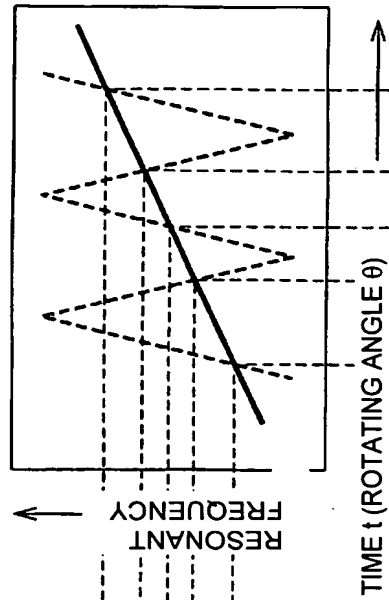


FIG. 8C

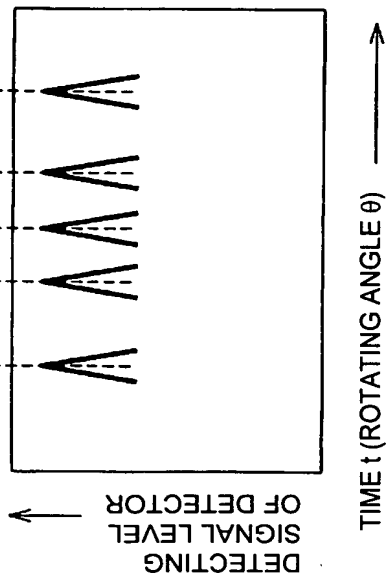


FIG. 9

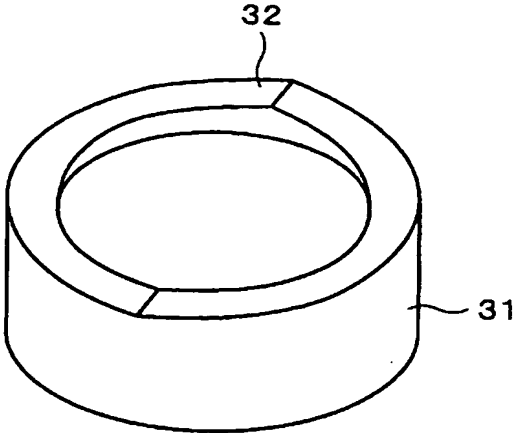


FIG. 11

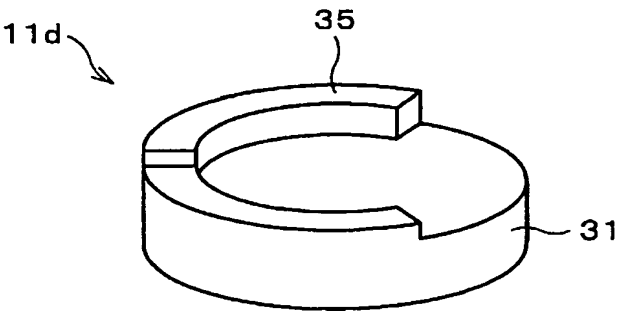


FIG. 10A

VCO OSCILLATION
FREQUENCY

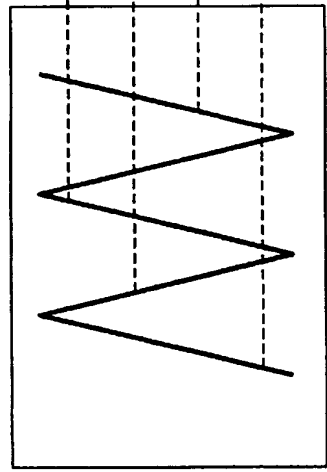


FIG. 10B

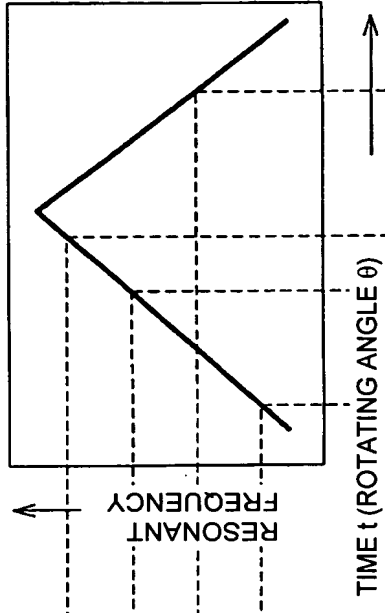


FIG. 10C

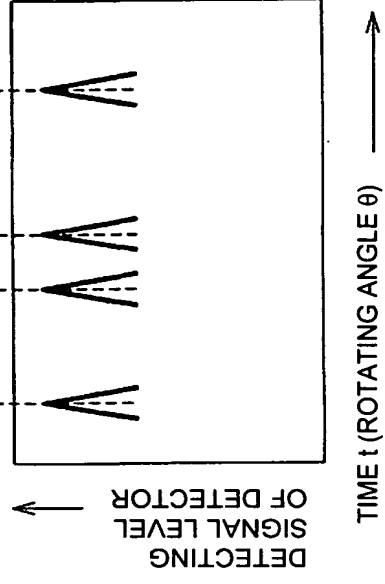


FIG. 12A

VCO OSCILLATION
FREQUENCY

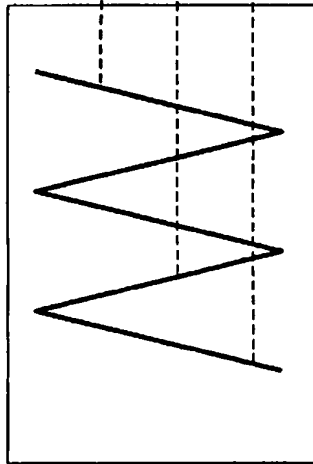


FIG. 12B

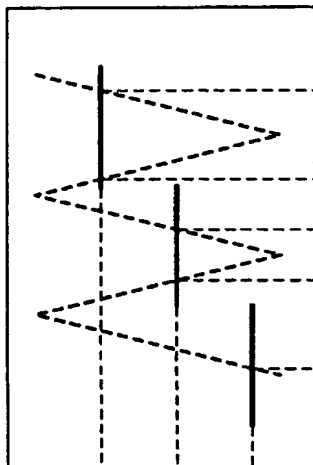
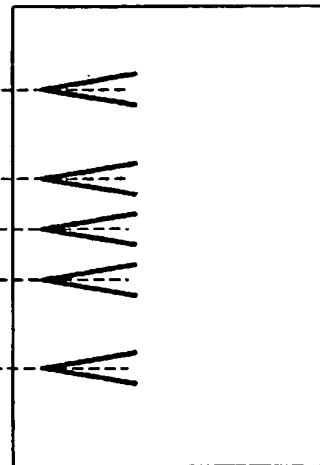


FIG. 12C



TIME t (ROTATING ANGLE θ)

FIG. 13A

VCO OSCILLATION
FREQUENCY

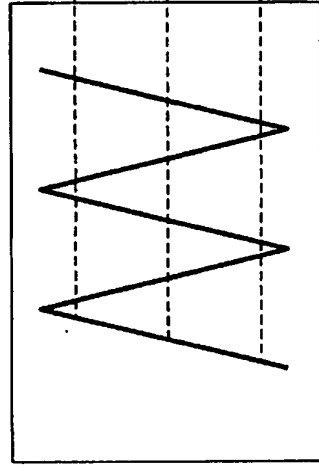


FIG. 13B

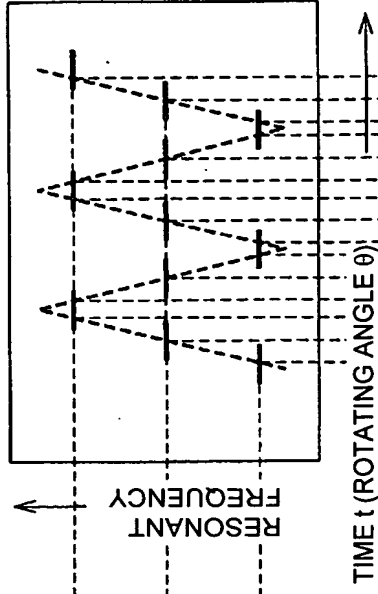


FIG. 13C

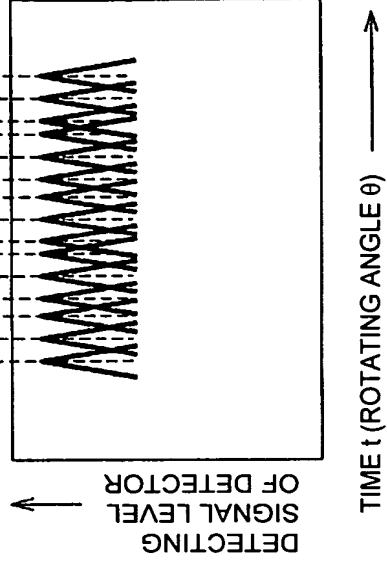


FIG. 14A

FREQUENCY

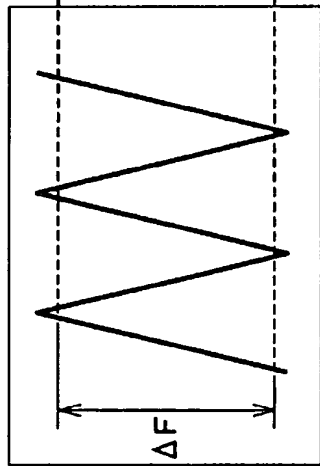


FIG. 14B

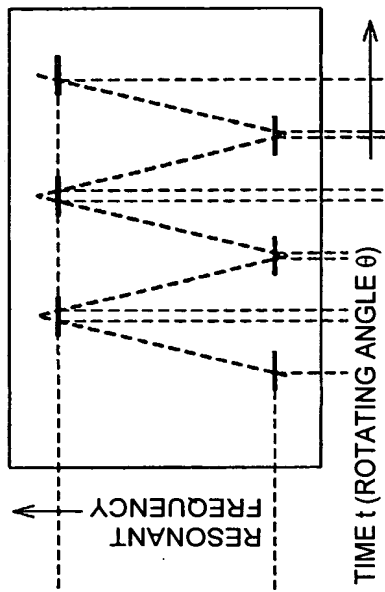


FIG. 14C

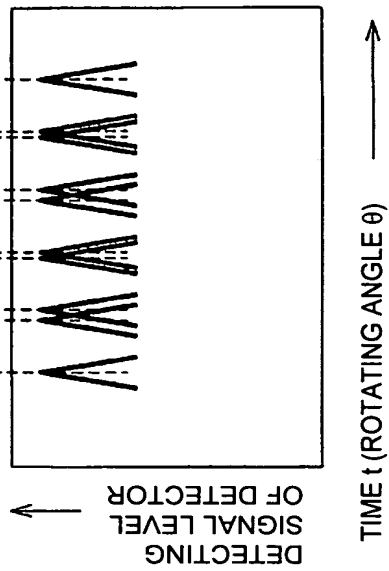


FIG. 15

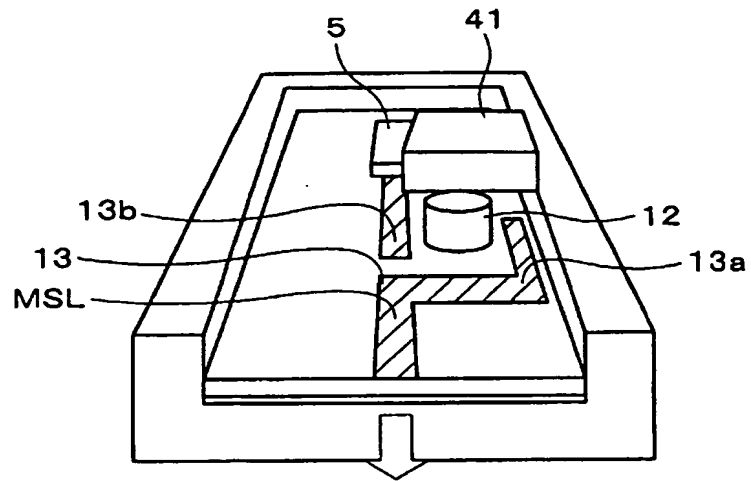


FIG. 16

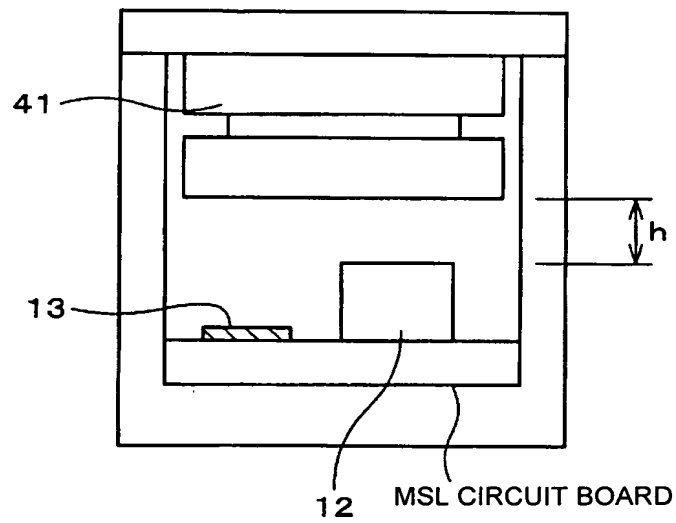


FIG. 17

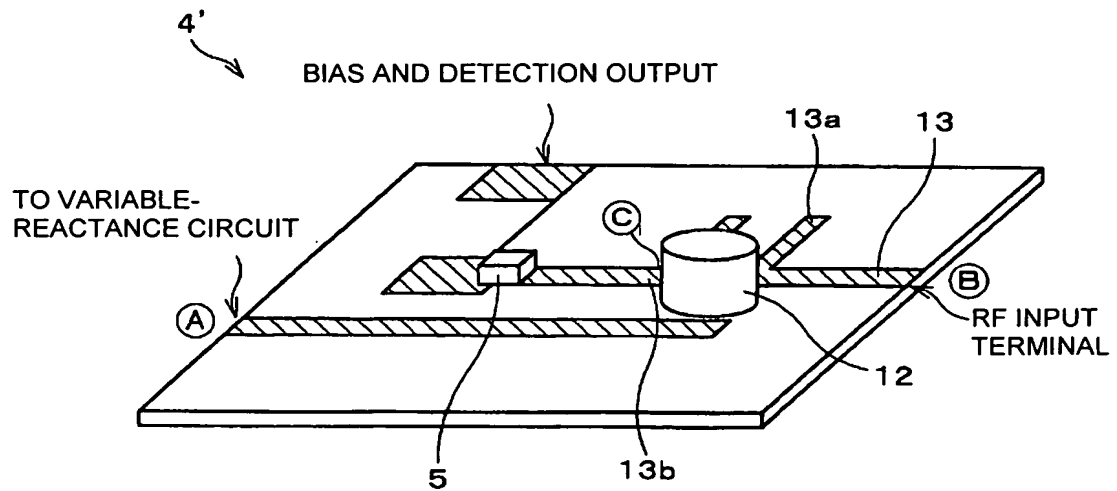


FIG. 18

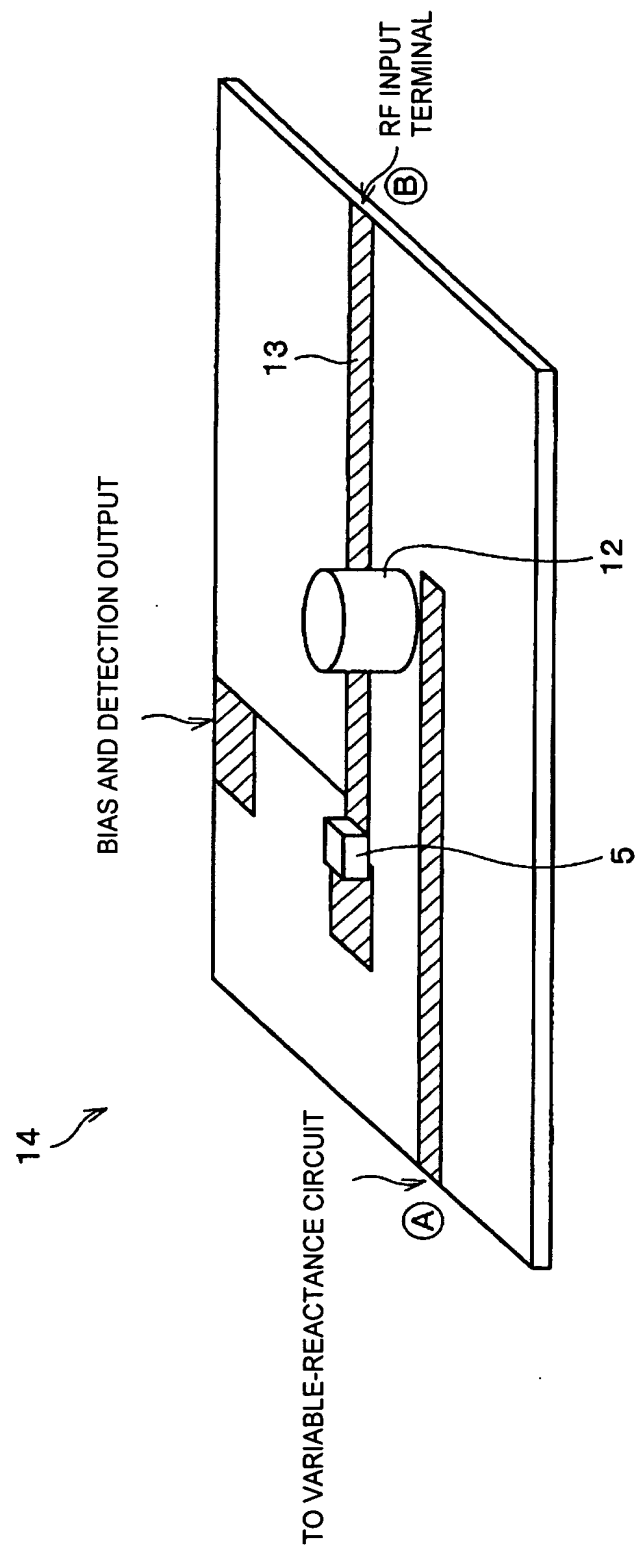


FIG. 19

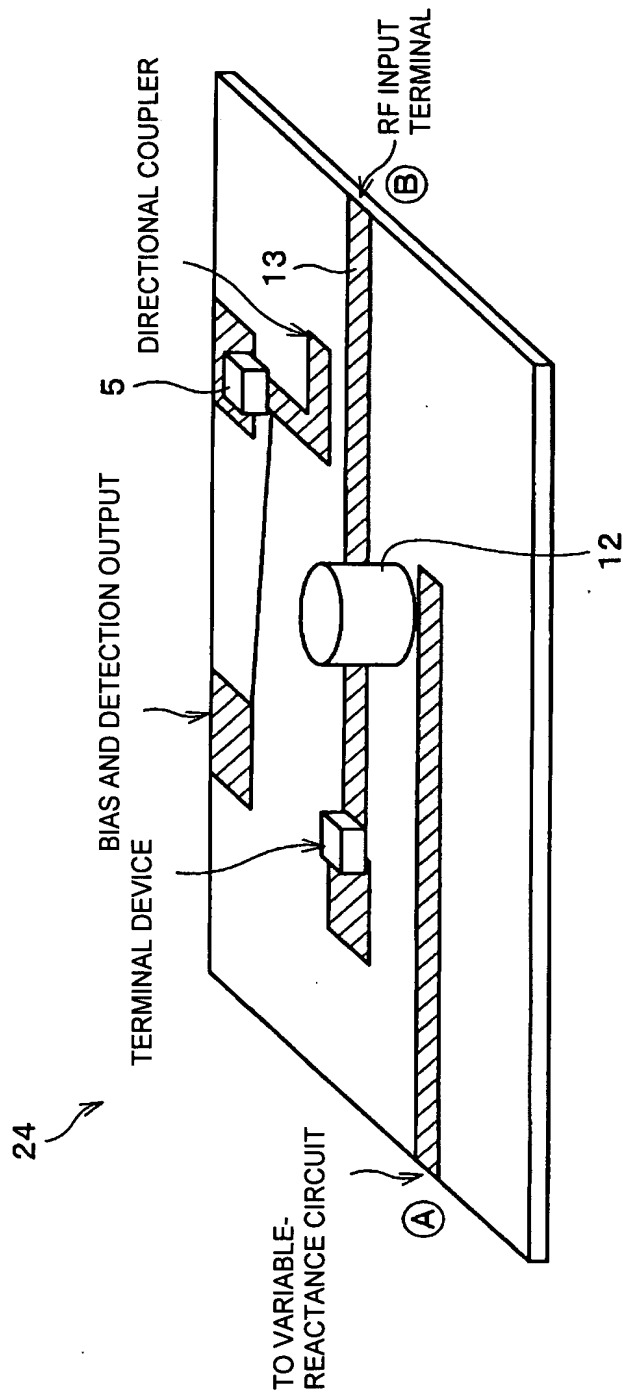


FIG. 21

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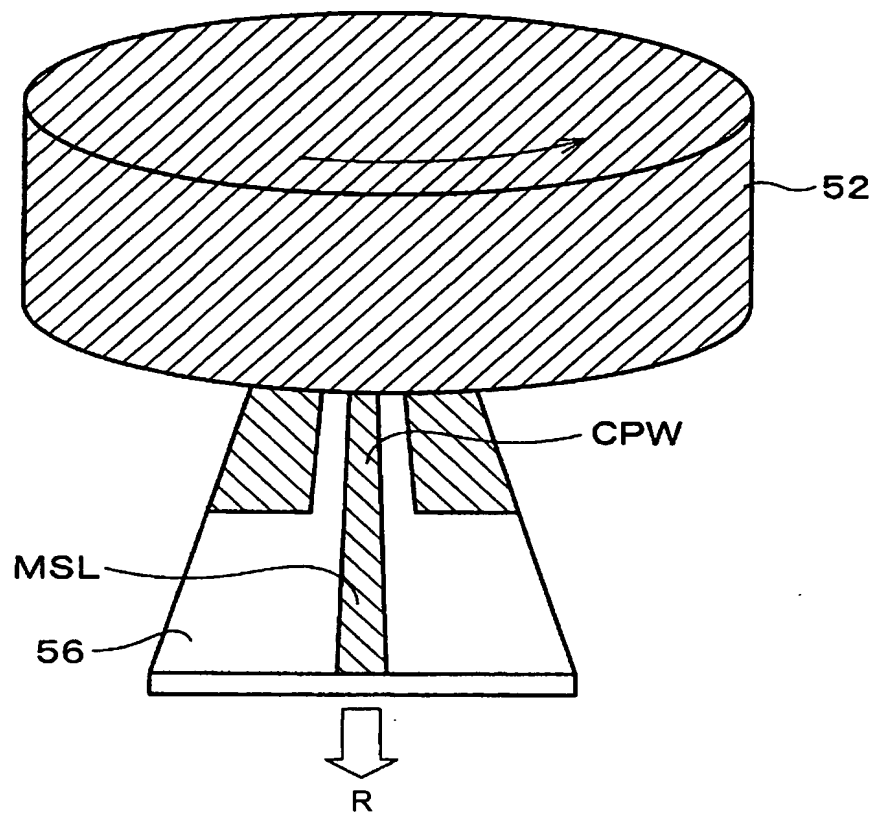


FIG. 22

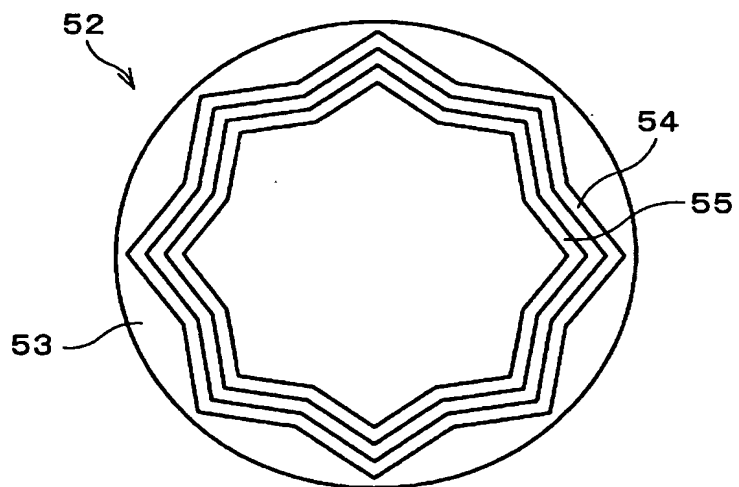


FIG. 23

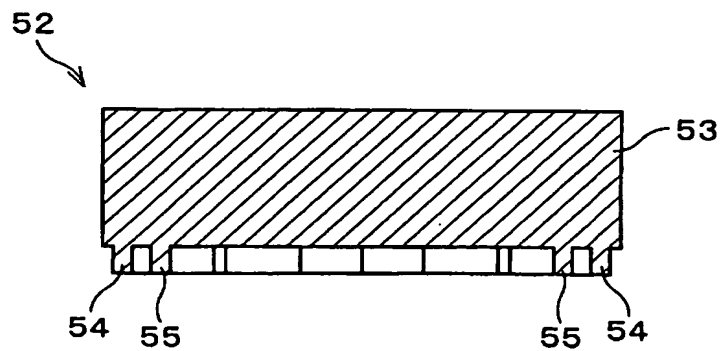


FIG. 24

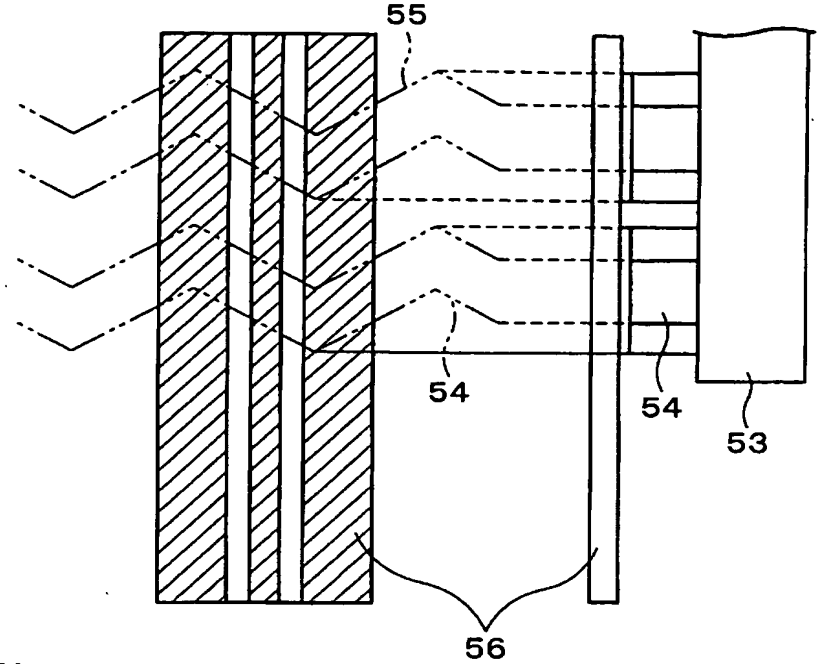


FIG. 25A

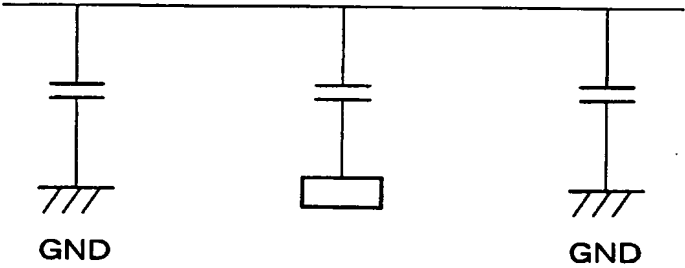


FIG. 25B

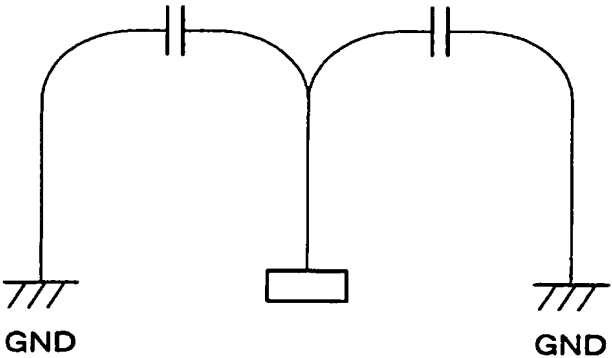


FIG. 26

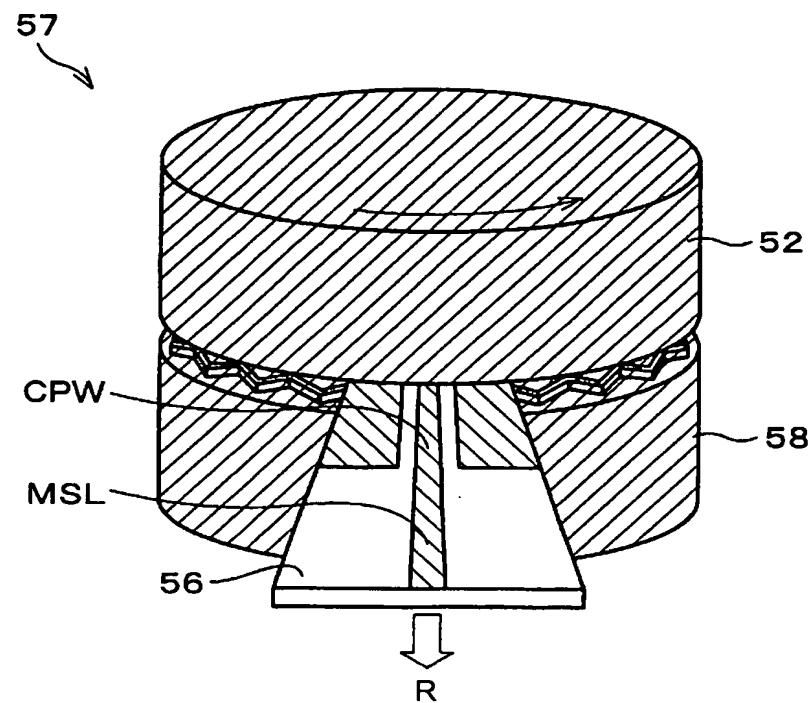


FIG. 27

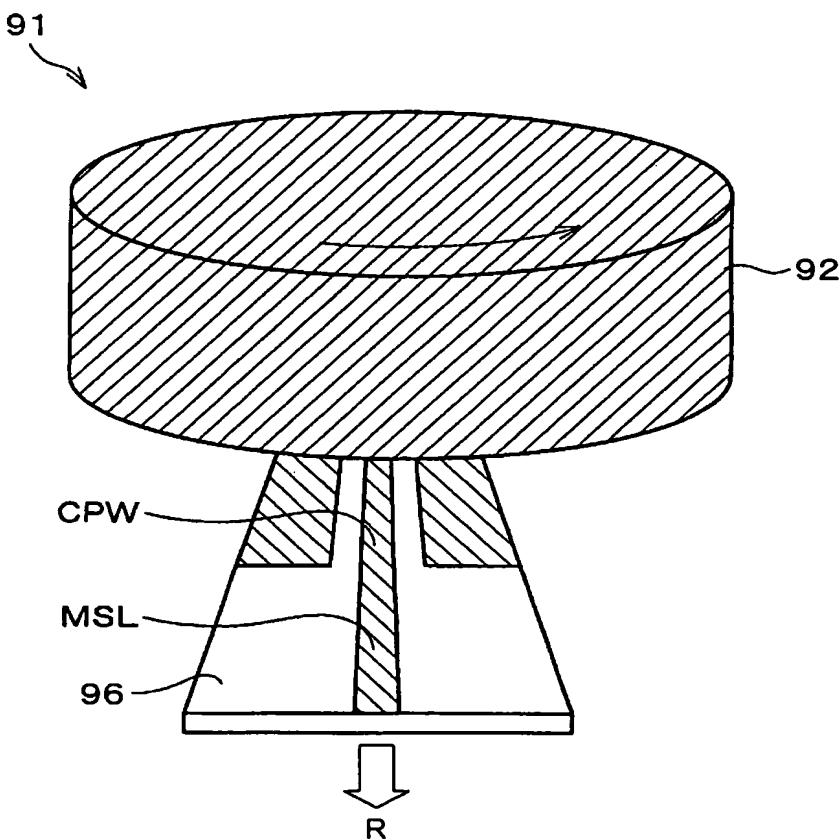


FIG. 28

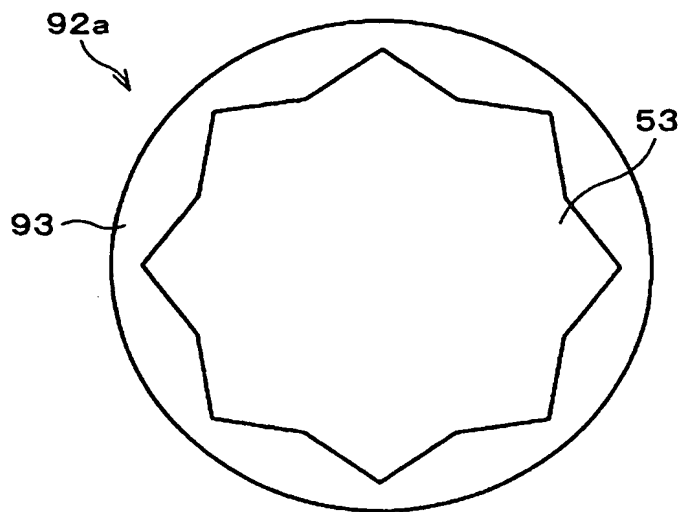


FIG. 29

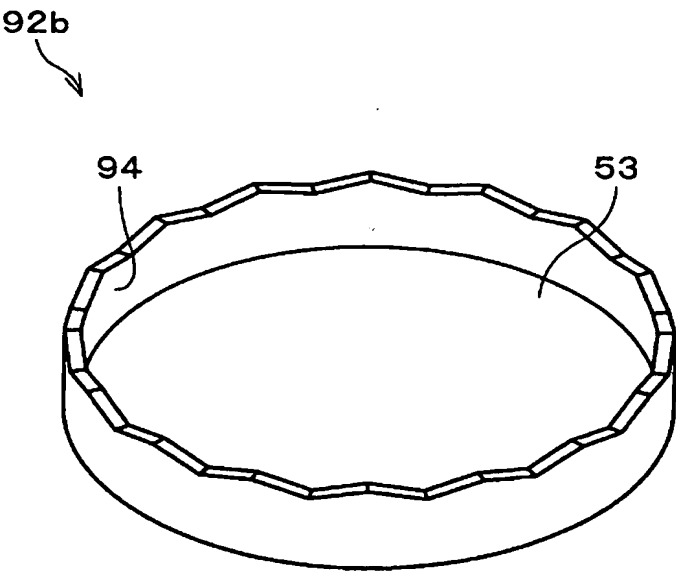


FIG. 30

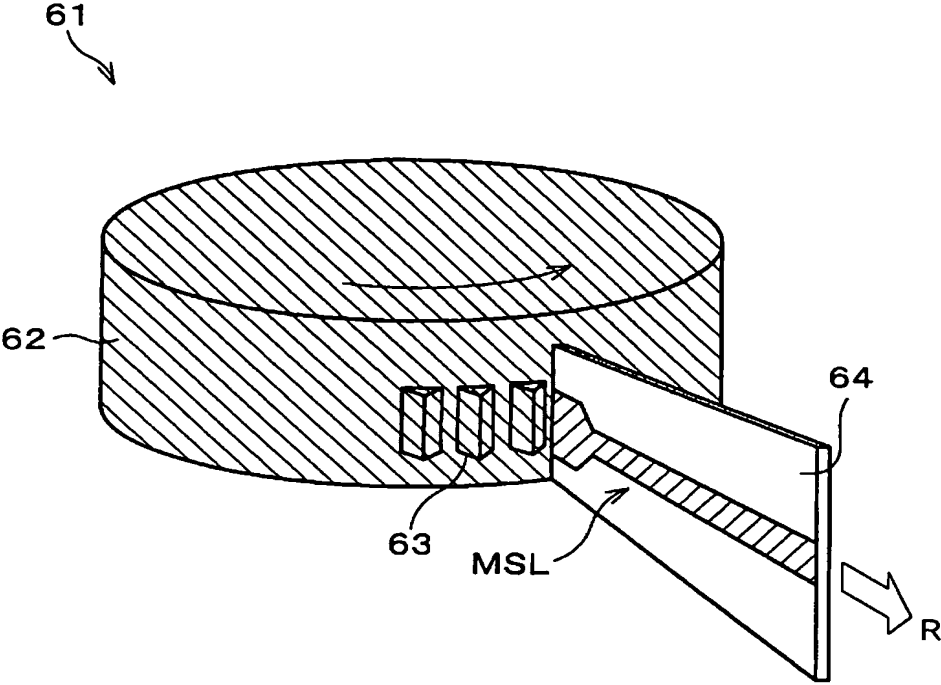


FIG. 31

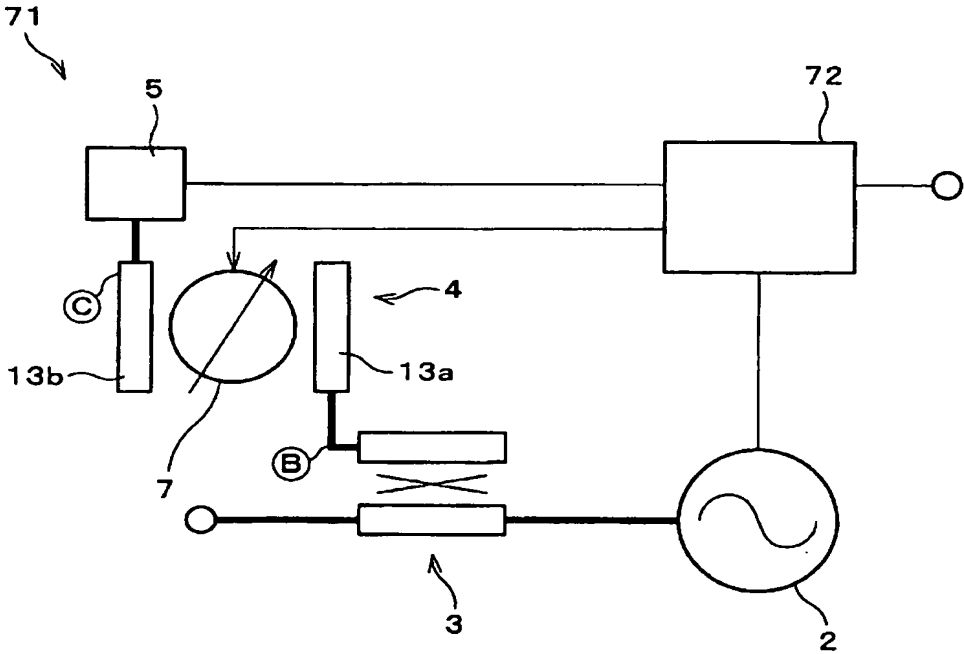


FIG. 32

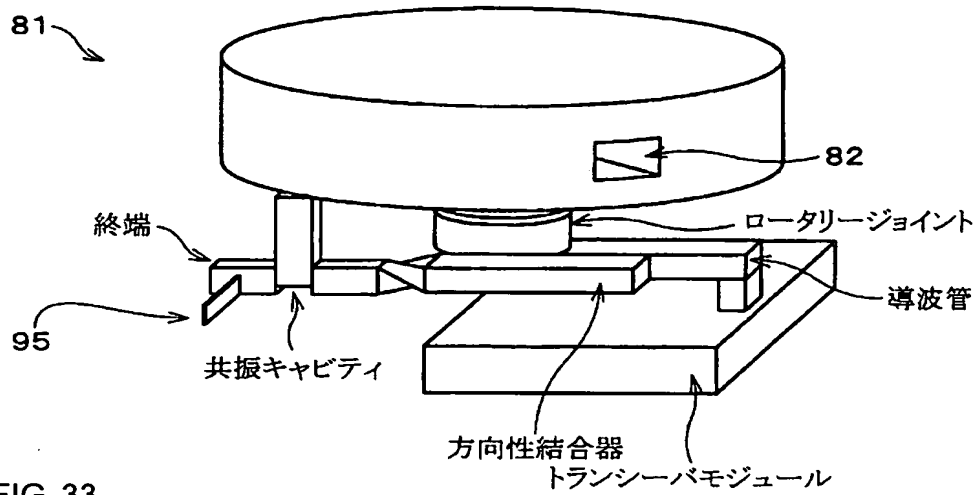


FIG. 33

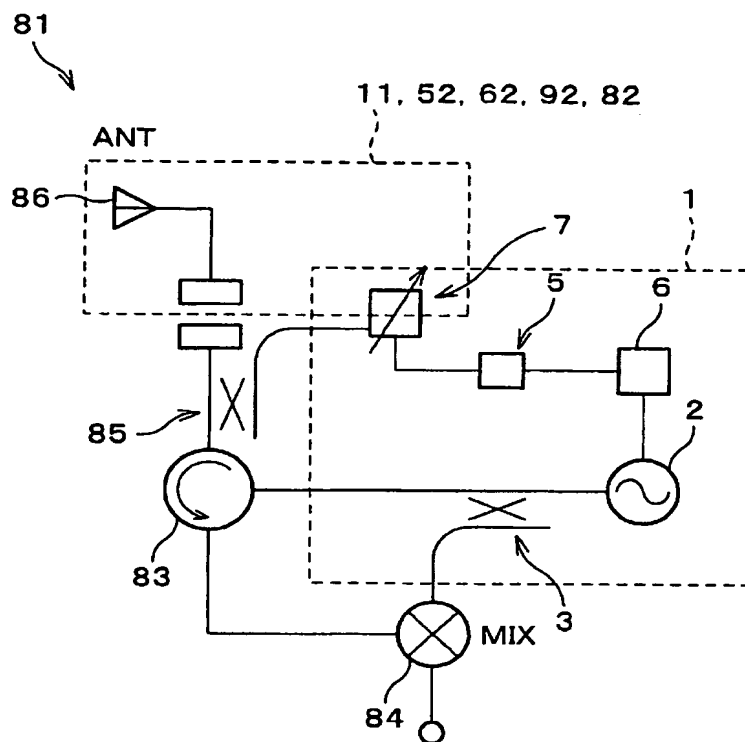


FIG. 34

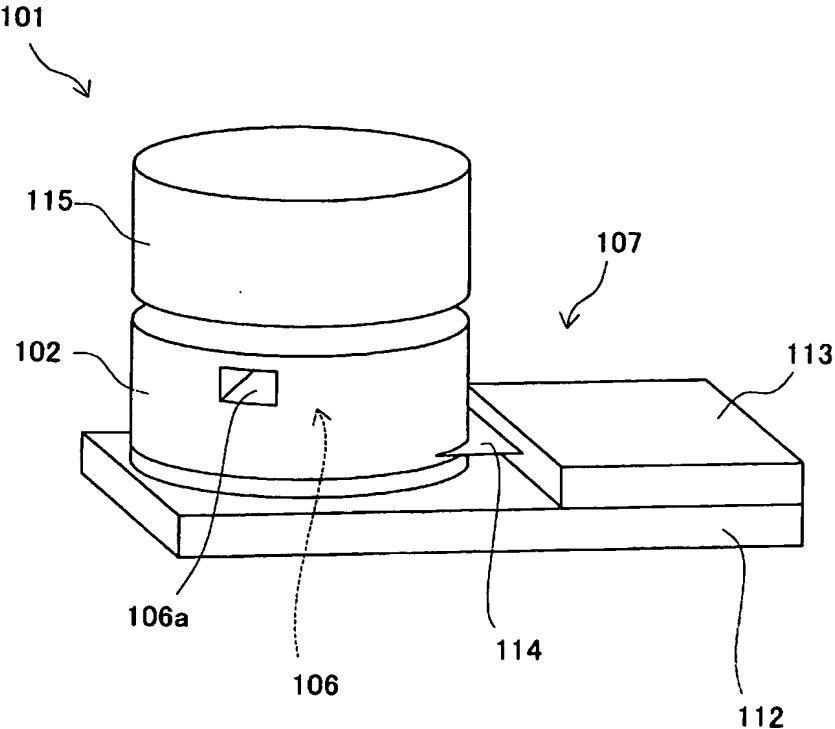


FIG. 35

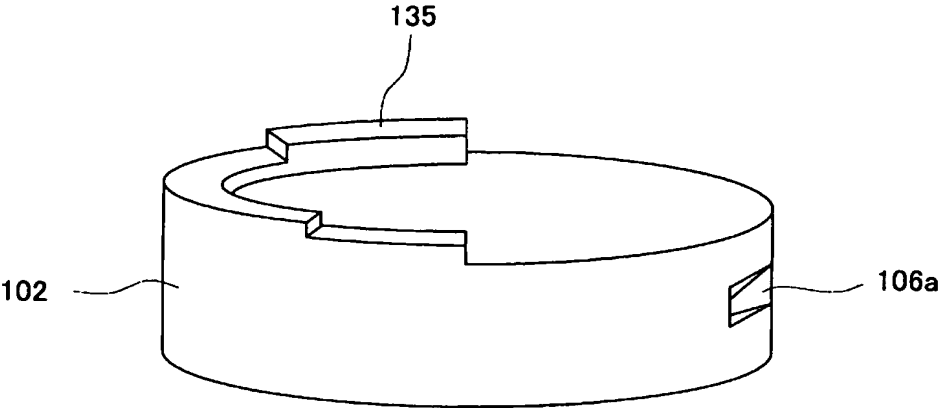


FIG. 36

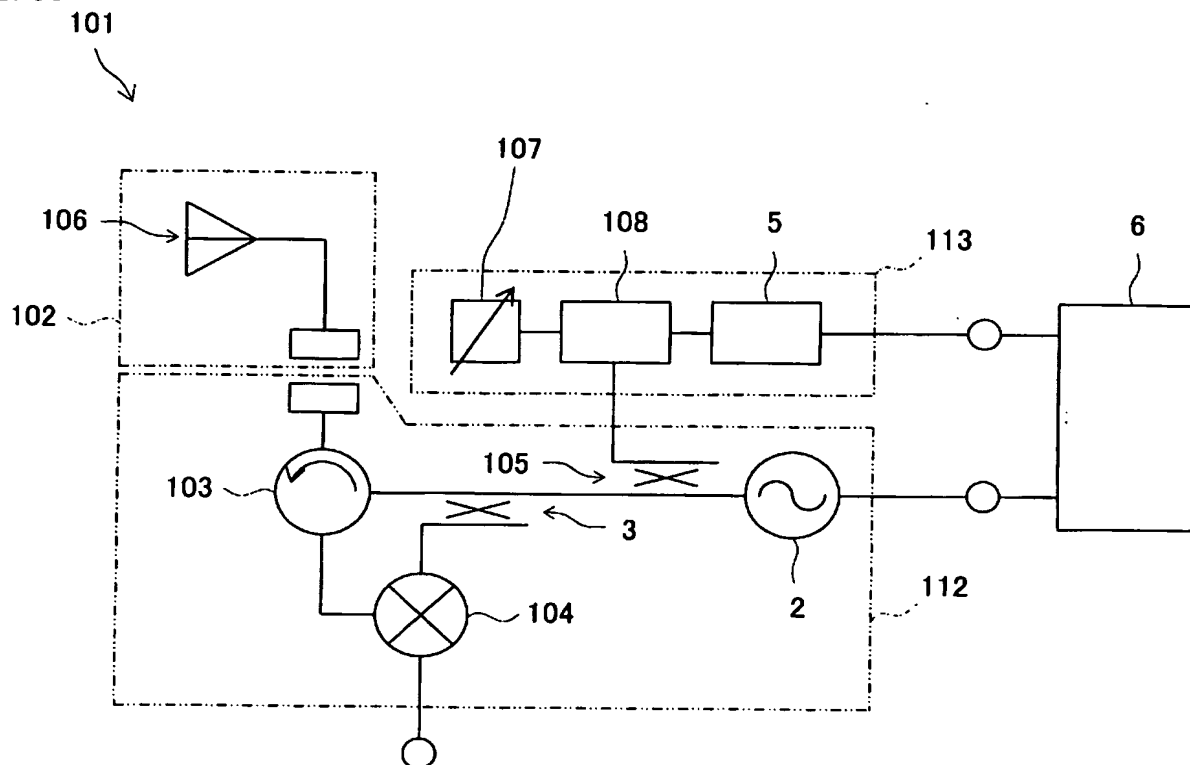


FIG. 20

